

Peak District National Park

Forecast valid from 06:00 on Thursday 13 Oct 2022 until 23:59 on Friday 14 Oct 2022

Forecast Issued on Thursday 13 Oct 2022 at 02:58

Confidence: High becoming Medium in detail from Friday.

Headline for Thursday 13 Oct 2022: Dry and bright with sunny spells.

Mountain weather hazards on Thursday 13 Oct 2022

Blizzards

No Likelihood

Gales

No Likelihood

Thunderstorms

No Likelihood

Heavy persistent snow

No Likelihood

Severe chill effect

No Likelihood

Heavy persistent rain

No Likelihood

Storm force winds

No Likelihood

Poor visibility

No Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
 MIST					
Mist	Sunny intervals	Sunny intervals	Sunny intervals	Cloudy	Cloudy
Precipitation probability					
20%	<05%	00%	00%	<05%	10%

Forecast for Thursday 13 Oct 2022

Weather: The cloud thinning and breaking overnight with clear spells leading to some mist and fog in the valleys by dawn. Any low level mist and fog clearing during the morning to leave a dry and bright day with sunny spells. Cloud thickening and lowering through the evening.

Chance of cloud-free hill tops above 600m: 90% or more

Low cloud and visibility: Generally no significant cloud during daylight hours, other than valley mist and fog. Cloud becoming occasional or extensive around 600m later in the evening. Visibility very good, except in any valley mist and fog.

Forecast for Thursday 13 Oct 2022

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/4 NW	4/6 SE	7/10 SW	12/16 SW	11/16 SW	14/20 SW	15/22 SW
300	4/5 S	2/4 E	6/8 SW	9/13 SW	7/12 S	8/15 SW	10/17 SW
Valley	1/2 SE	3/5 E	4/7 SW	7/12 SW	4/11 S	5/15 S	6/16 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/6	7/6	8/6	9/6	9/6	8/5	8/4
300	9/8	9/9	11/10	12/10	11/10	10/9	10/8
Valley	8/7	10/9	12/12	13/12	11/11	11/10	10/9
Freezing Level*	1500m	1400m	1400m	1700m	1900m	2000m	2000m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Nothing further to add.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Thu 13 Oct 2022	7.6mm	7.6mm	8mm

Forecast for Friday 14 Oct 2022

Weather: Largely dry with occasional clear spells overnight, although there will be a few showers. Low cloud and mist on the summits during the morning, otherwise, dry and bright. However, a band of showers, locally heavy, will arrive from the northwest during the afternoon, clearing by the evening. Becoming dry with clear spells.

Maximum wind: Southwest 15-20mph.

Chance of cloud-free hill tops above 600m: 70% during much of daylight hours, 30% early in the day.

Low cloud and visibility: Cloud occasional or extensive, base 300 to 600m, soon lifting and breaking above the tops. Visibility moderate or poor in early low cloud and mist, becoming very good, but moderate in showers during the afternoon.

Temperature: **Valleys:** Plus 6 Celsius rising to 15 Celsius
At 600m: Plus 4 to 8 Celsius
Freezing level: Above the summits